

## HEV Fleet Testing

## Advanced Vehicle Testing Activities



### 2003 Civic Hybrid

VIN #  
JHMES96663S003864



### A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

### Fleet Performance

#### Description:

This vehicle was operated throughout the State of Arizona by Bank One of Arizona's courier pool. It was operated 24 hours a day, six days a week, transferring documents between branches and a central processing center located in Phoenix on city streets and urban freeways as well in intrastate courier routes, with typical high-speed round trips of 100 to 300 miles.

#### Major Operations & Maintenance Events:

CVT transmission failed @ 96,802 miles

Cost: \$2,500

Catalytic converter failed @ 97,750 miles

Cost: \$1,124

Motor mount front and driver side replaced

@140,343 Cost: \$400

#### Operating Cost:

Purchase Cost: \$23,174 (5/02)\*

Kelly Used Vehicle Price: \$12,065 (11/05)

Sale Price: \$13,900 (10/05)

Maintenance Cost: \$0.05/mile

Operating Cost: \$0.07/mile

Total Ownership Cost: \$0.18/mile

#### Operating Performance:

Total miles driven: 161,532

Cumulative MPG: 37.23

### Vehicle Specifications

**Engine:** 4-cylinder, 70 kW @ 5700 rpm

**Electric Motor:** 10 kW

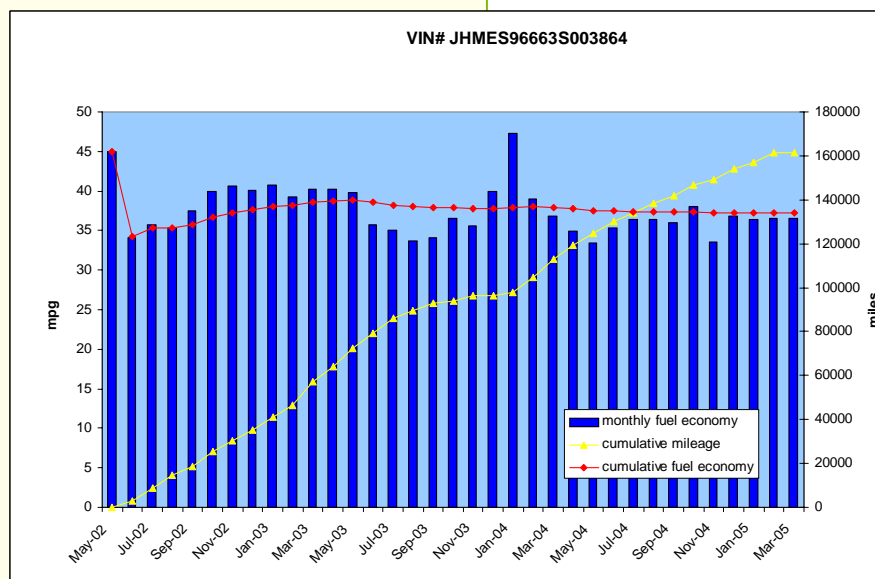
**Battery:** Nickel Metal Hydride

**Seatbelt Positions:** Five

**Payload:** 882 lbs

**Features:** Regenerative Braking  
CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.



For more information contact:  
EERE Information Center  
1-877-EERE-INF (1-877-337-3463)  
[www.eere.energy.gov](http://www.eere.energy.gov)

\* Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs. Gas figured at \$1.80/gallon.



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**Energy Efficiency and Renewable Energy**

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# *FREEDOMCAR & VEHICLE TECHNOLOGIES PROGRAM*

## **HEV Fleet Testing**

### **Advanced Vehicle Testing Activities**

### **Maintenance Sheet for 2003 – Honda Civic Hybrid**



**VIN #JHMES96663S003864**

<b>Date</b>	<b>Mileage</b>	<b>Description</b>	<b>Cost</b>
7/10/2002	5,041	Changed oil, rotated tires	\$27.00
8/6/2002	9,979	Changed oil, rotated tires	\$28.62
9/5/2002	15,023	15K service	\$231.38
9/23/2002	18,706	Left front damaged in accident	\$1,222.34
10/8/2002	20,142	Changed oil, rotated tires	\$28.99
10/29/2002	25,147	Changed oil, rotated tires	\$30.87
12/20/2002	33,270	Changed oil, rotated tires	\$31.07
2/10/2003	43,290	45K service	\$341.58
2/12/2003	43,500	Back bumper damaged in accident	\$834.42
3/18/2003	53,381	Changed oil, rotated tires	\$30.67
4/22/2003	62,573	Changed oil, rotated tires	\$30.67
5/23/2003	69,932	Changed oil, rotated tires	\$30.67
6/6/2003	74,353	75K service	\$324.18
6/19/2003	77,589	Check engine light went on, nothing found by dealer, light reset	NC
6/24/2003	77,828	Replaced four tires, alignment	\$185.33
7/7/2003	80,425	Changed oil, rotated tires	\$31.09
7/8/2003	80,434	Time	NC



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8/4/2003	86,353	Changed oil, rotated tires	\$31.09
8/27/2003	89,304	90K service	\$324.13
9/12/2003	90,507	Check engine light went on - updated the PCM	\$50.00
10/14/2003	93,616	Replaced ignition switch	\$50.00
10/24/2003	93,912	Changed oil, replaced brake pads	\$146.22
11/20/2003	96,556	Replaced the valve pause system pressure sensor	\$50.00
1/15/2004	96,802	Replaced transmission	\$703.82
1/26/2004	97,750	Replaced catalytic converter	\$1,124.38
2/24/2004	103,901	15K service	\$260.83
4/6/2004	113,685	30K service - Replaced accessory battery	\$464.09
4/15/2004	115,649	Replaced front tire	\$112.38
5/3/2004	119,570	Changed oil, rotated tires	\$31.92
5/28/2004	124,527	Changed oil, rotated tires	\$31.25
6/7/2004	125,722	Lower front splash shield came off	\$187.22
7/2/2004	131,120	15K service	\$240.00
7/29/2004	133,706	Safety restrain light is on, left front inflator inop	
8/9/2004	135,324	Changed oil, rotated tires	\$31.25
8/25/2004	137,160	Replaced two tires under warranty	\$55.54
9/14/2004	140,343	30K service - Replaced front motor mount and driver side motor mount	\$794.90
10/25/2004	145,516	Changed oil, rotated tires	\$24.34
12/16/2004	152,052	Replaced two tires - prorated 70000 miles	\$84.64
1/18/2005	155,900	Replaced seatbelt tensioner front left	warranty
1/31/2005	157,321	Replaced link kit, alignment	\$107.51

